

Title (en)

Oscillator and electronic device using same

Title (de)

Oszillator und elektronisch Gerät, das Gebrauch macht von einem solchen Oszillator

Title (fr)

Oscillateur et dispositif qui l'utilise

Publication

EP 1328061 A2 20030716 (EN)

Application

EP 03000416 A 20030110

Priority

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Abstract (en)

An oscillator (10) includes an oscillating active element (Q3) having a first main electrical-current path, a buffer-amplifying active element (Q4) that is of the same type as the oscillating active element (Q3), the buffer-amplifying active element (Q4) having a second main electrical-current path, and a load impedance (R7) for the buffer-amplifying active element (Q4). The first main electrical-current path, the second main electrical-current path, and the load impedance (R7) are connected in series between a power-supply terminal and ground in that order, and the node of the buffer-amplifying active element (Q4) and the load impedance (R7) is a signal outputting point (Po). <IMAGE>

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